Work Orde <i>July-23-12 2:40</i>	er ID 87619 0:46 PM			*876	19*							Page 1
Revision ID:	D412-702-321 Harness Assembly	4		Accept	*N900	<u>)</u> 040	100)*	Setup	Start Stop	I VI	S1* S2*
Start Date: Required Date: Reference:	_	ety: 5.00 Qty: 5.00	*5* *5*		Cust Item Customer							
Approvals:	Process Plan:		Date: 12 07	2년 Tooling: SPC (Y/N):		Date:			Run	Start Stop	*N *N	R1* R2*
Sequence ID/ Work Center II	Operati D Descrip			Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	t Re Qt	-	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbi	•										_
ICAD412-702	REV 4											01
*100 *100* Small Fab Smal! Fab		Memo Assemble as	per dwg ICA D412-70	0.00 0.00 2 p.49				4				Pople
110 *110* QC Quality Control	QC5- Insţ	oect part compl	eteness to step on W/O	0.00 Smb 0.00	OAS 16 70 10 10 10 10 10 10 10 10 10 10 10 10 10	2/30		<u> </u>				
*120 *120* Packaging Packaging		Memo Identify with CHG001 Location: PPP Rev:	- · ~	0.00 0.00 c for shipping as per PPP D4	112-702-321	5P		4			\$	2/8/30

NCR:	Yes /	No				WORK ORDER NON-	COI	NFORI	VIANCE / UPI		QA Closed:	Dat	e:
Work Ord	or·			·		DISPOSITION				AGAINST DE	PARTMENT,	/PROCESS	
Part No						Rework Scrap Use-as-is Work Order Update		Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite			Water Jet d. Eng. Coor. re/Packaging Supplier	Quality Other	
Root					Descri	ption of work order update		Initial	Act	ion	Sign &		
Cause	D	ate	Step	Qty	(or Non-conformance	Ch	ief Eng	Descr	ription	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling										,			
Operator													
Material													
Setup							·						
Other													
Process	_												
Supplier	_												
Training	_	ŀ					ŀ					·	
Unapproved													
			<u></u>				AUL	T CATE	GORY				
Landir	ng Gear	4				General		le			الم المالية	Г	
ŀ	Bend	~			<u> </u>	Bend BOAA (Bounds		Grain		<u> </u>	Ovalized	<u> </u>	Pressure/Forced
	Crac		Concer	itric to t)/3	BOM/Route Broken/Damaged	-	Hardwa			Over/Under Part Incorre	 -	Temperature/Cure Weld
			rimaad		-	•		1	on Incomplete		Part Income	⊢	Wrong Stock Pulled
	Crushed/Crimped. Cuffs					Burrs Contamination	\vdash	Mainte	ions Incomplete/l		Part Moved	122111B	Wrong Stock Falled
ļ					-	Countersink	-	Mislabe		·	Positioned V	Vrong	
ŀ	Heat Treat Inspection Strip in Tube			-	Cut Too Short	<u> </u>	Misread			Power Loss/		Other	
ł	 1 `	les in E	•	, 000	-	Drill Holes	Offset						10000
ļ				xtrusion	, 	Drawing	_	ļ	Calibration				
Ì	Torque Waves in Extrusion Turning Sequence					Finish	Out of Sequence						

Outside Dimensions

DQA:

Date:

Wave/Twist in Tube

Folio

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Work Orde July-23-12 2:40		87619	48 - 45 - 45 - 45 - 45 - 45 - 45 - 45 -		*876					Page 2			
Revision ID:	D412-702	÷			Accept	*N900	040	100)*	Setup	Start Stop	1/1	S1* S2*
Item Name: Harness AssemblyStart Date:7/05/12Start Qty:5.00Required Date:8/10/12Req'd Qty:5.00Reference:		*5* *5*			Cust Item ID: Customer:								
Approvals: Process Plan: QC:		Date:		Tooling: SPC (Y/N):		ate:			Run	Start Stop	"	R1* R2*	
Sequence ID/ Work Center II)	Operation Description			Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	t Re	•	Reject Number	Insp. Stamp
*130 *130* QC		QC21- Final Inspection Memo	- Work Order R	elease	0.00					M	ブ	12/0	18/20

Quality Control

MF 08-30

NCR:	Yes /	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UPDATE		•		,
											QA Closed:	Date	·
Work Ord	/ er·					DISPOSITION			AGAIN	ST DE	PARTMENT	PROCESS	
Part No. NCR No.						Rework Skid-tube Crosstube Scrap Machining Small Fab Use-as-is Thermoforming Finishing Work Order Update Large Fab Composite			ab ng	4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other	
Root					Descrip	otion of work order update		Initial	Action		Sign &		
Cause		Date	Step	Qty	C	or Non-conformance	Cr	nief Eng	Description		Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved													
							AUL	LT CATE	GORY				
Landi	Be Ce Cr Cr Cu He	ending entre No racks rushed/C uffs eat Treat spection	rimped.		ļ	General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short		Instructi Mainte Mislabe Misread	on Incomplete ons Incomplete/Unclear nance led		Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/S	ct ssing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
	Ri	pples in l	Bend			Drill Holes	1	Offset					

Out of Calibration

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Picklist Print

July-23-12 2:40:45 PM

Work Order ID:

87619

Parent Item:

D412-702-321

Parent Item Name:

Harness Assembly

Start Date: 7/05/12

Required Date: 8/10/12

Start Qty: 5.00

Required Qty: 5.00

Component Item ID/ tem Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issu o d	Date / Issued	Status
3570-3		Manufactured	No				Each	8.0000		5	1	12/10	2/30
racket									·		-J-)/	~ 06	/
				Location		Loc Qty	<u>Lo</u>	c Code				/ /	,
				GA		8				<u> </u>	_	/	1
				643	61	8				_7_	121		/ //
4088-043		Manufactured	No				Each	9.0000		5	5 (X)	12/	88/
houlder Harness											1) —		
				Location		Loc Qty	<u>Lo</u>	c Code		,	//	1/~	
				ST267		9				4× /	,	0	87350
				804	.58 Za	8				4	0		1
1S24694-S50		D 1 1	No		%	1	Each	191.0000		20			/ /
1524094-550 crew		Purchased	NO				Lacii	171.0000) rd /	08/
ore w				Location		Loc Qty	I o	oc Code				/	
				ST289		13	<u>100</u>	e coue				•	
					900	15				<u> </u>	V		
					078	1							
				119	124	11							
	<i>;</i>			ST289A		78				<i>A</i>			
				121	166	78				10/2			
•				ST305		100						7/	/
				122	:441	100						// .	
N960JD10L Vasher	NAS1149D0332J	Purchased	No				Each	0.0000		20	/ /	14	1081

											DQA:	Date:			
NCR:	Yes	/ No				WORK ORDER NON-	CO	NFOR	MANCE / UPI	DATE					
				-		T		,		<u> </u>	QA Closed:	Date:	· ·		
Work Ord	ler.					DISPOSITION			AGAINST DEPARTMENT/PROCESS						
Part No. NCR No.						Rework Scrap Use-as-is Work Order Update	Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite			4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other			
Root	,		,		Descri	ption of work order update		Initial	Act	ion	Sign &				
Cause		Date	Step	Qty	(or Non-conformance	Cr	nief Eng	Descr	iption	Date	Verification	QC Inspector		
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved		,													
							AUL	LT CATE	GORY						
Landi	Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs Heat Treat Inspection Strip in Tube				o/s	General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short		Grain Hardware Inspection Incomplete Instructions Incomplete/Unclear Maintenance Mislabeled Misread			Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/	ssing	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other		
	Ripples in Bend					Drill Holes		Offset							

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

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Page 2

July-23-12 2:40:45 PM

Work Order ID:

87619

Parent Item:

D412-702-321

Parent Item Name:

Harness Assembly

MS21042L3

Nut

Purchased

No

Start Date: 7/05/12

3,966.0000

Start Qty: 5.00

Required ty: 5.00

Required Date: 8/10/12

<u>Location</u>	Loc Oty	1 oc Code	
316	1000		/
122452	1000		_16
ST300	966		
117885	32		
119017	725		
119075	138		
121444	71		
ST317	2000		
122141	2000		

Each

NCR:	Yes	1	Nο

WORK ORDER NON-CONFORMANCE / UPDATE

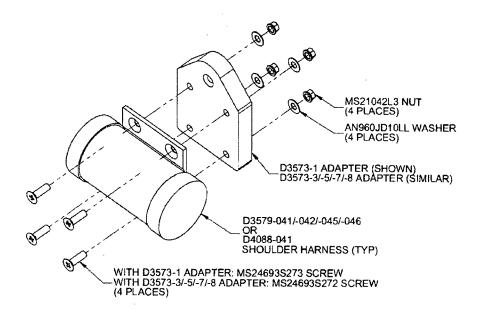
DQA:	Date:	The state of the s
-		* "

NCA. 1	es / NO				WORK ORDER NON-C	CON	roki	VIAIVEL / OF	DAIL	QA Closed:	Date		
Work Orde	r:				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS		
Part N	-				Rework Scrap	-	ſ	Skid-tube Machining	Crosstube Small Fab	Pro	Water Jet d. Eng. Coor.	Engineering Quality	
NCR N	NCR No.				Use-as-is Work Order Update]	Thermoforming Finishi Large Fab Composi			hing Rec/Store/Packaging Other			
Root				Descri	ption of work order update	lni	itial	Ac	tion	Sign &			
Cause	Date	Step	Qty	(or Non-conformance	Chie	f Eng	Desc	cription	Date	Verification	QC Inspector	
Doc/Data Equip/Tooling Operator													
Material	\dashv									:			
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Other	7						,						
Process								•					
Supplier								·					
Training	7					*							
Unapproved								%.					
			<u> </u>		F	AULT	CATE	GORY					
Landin	g Gear				General								
	Bending				Bend	G	rain			Ovalized		Pressure/Forced	
L	Centre No	t Concer	ntric to C)/S	BOM/Route	Шн	ardwa	re		Over/Under	tolerance	Temperature/Cure	
Ĺ	Cracks				Broken/Damaged	∐ In	specti	on Incomplete		Part Incorre	ct	Weld	
	Crushed/0	Crimped.			Burrs	In	structi	ions Incomplete/	Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled	
	Cuffs				Contamination	Ш∾	1ainte	nance		Part Moved			
	Heat Trea	t			Countersink	∐м	1 islabe	led		Positioned V	Vrong	-	
	Inspection		Tube		Cut Too Short	∐~	lisread	`		Power Loss/	Surge	Other	
	Ripples in	Bend			Drill Holes		ffset						
	Torque W	aves in E	xtrusion		Drawing	\square	ut of C	Calibration					
1	Turning Sequence				Finish	0	ut of S	equence					

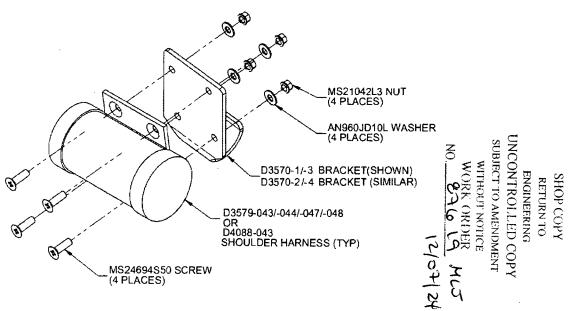
Outside Dimensions

Wave/Twist in Tube

Folio



DETAIL 'K' D412-702-101A/-103A/-105A/-107A/-109A/-115A/-117A AND D412-702-101B/-103B/-105B/-107B/-109B/-115B/-117B OR -301/-303/-305/-307/-309/-315/-317 HARNESS ASSEMBLIES



DETAIL 'L' D412-702-111A/-111B/-113A/-113B OR -311/-313/-321/-323 HARNESS ASSEMBLIES

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